

Converting Colors

HunterLab(78.4222, -63.8066,
39.7223)

Have a look what the booklet for
HunterLab(78.4222, -63.8066,
39.7223) contains.

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Color

**HunterLab(78.3095,
-63.7069, 39.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	00ED5B
RGB	0, 237, 91
RGB Percent	0%, 93%, 36%
CMY	1.0000, 0.0706, 0.6431
CMYK	1.00, 0.00, 0.62, 0.07
HSL	143°, 100%, 46%
HSV	143°, 100%, 93%
XYZ	32.1726, 61.3238, 20.0385
YIQ	149.4930, -94.3860, -95.6500

Conversions

Conversions Part 2

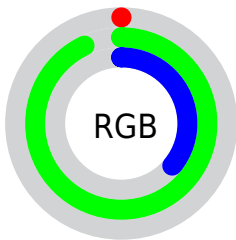
Format	Color
RYB	0, 171, 237
Decimal	60763
CIELab	82.55, -76.34, 56.16
CIELCh	83, 94.766, 143.661
Yxy	61.3263, 0.2834, 0.5401
Android (android.graphics.Color)	4278250843 (0xFF00ED5B)
YUV	149.4930, -28.8370, -131.1054
Hunter-Lab	78.3095, -63.7069, 39.6450

Details

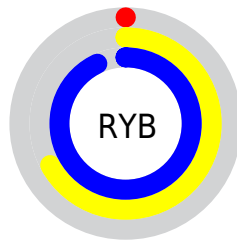
The HunterLab color **78.3095, -63.7069, 39.6450** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **44.8120, 81.3723, -6.9486**, and the grayscale version is **55.1636, -2.9434, 2.9971**.

A 20% lighter version of the original color is **87.7725, -56.7374, 34.7222**, and **56.8821, -48.0515, 32.6318** is the 20% darker color. If you saturate the color by 10%, you get **78.3110, -63.7085, 39.6465**, and if you desaturate by 10%, it is **78.6091, -62.0953, 37.1480**.

Distribution



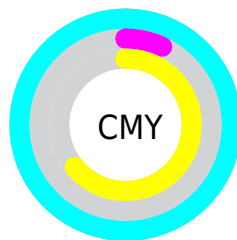
- Red (0%)
- Green (93%)
- Blue (36%)



- Red (0%)
- Yellow (67%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (7%)





- Cyan (100%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.3095, -63.7069, 39.6450 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 78.3095, -63.7069, 39.6450 by changing the saturation by 10% instead.


 78.3095, -63.7069,
39.6450


 78.3095, -63.7069,
39.6450


207.2364,
-101.1257, 69.3231


 66.6997, -58.7836,
35.8098


 103.3205,
-72.9249, 46.8778

 55.7268, -53.5891,
31.7925


 116.6650,
-77.2826, 50.3168

 45.4319, -48.0603,
27.5608


 130.5392,
-81.5050, 53.6598

 35.8630, -42.1093,
23.0809

 144.9235,
-85.6104, 56.9198

 27.0800, -35.6122,
18.9560

 159.8005,
-89.6138, 60.1077

 19.1608, -28.7833,
13.4126

175.1544,

 12.2126, -21.3721,

-93.5274, 63.2326

8.5489

190.9707,
-97.3618, 66.3022

■ 5.3172, -9.3051,
3.7220

0.0000, NaN, NaN

■ 78.3095, -63.7069,
39.6450

■ 78.3095, -63.7069,
39.6450

■ 78.3110, -63.7085,
39.6465

■ 78.6091, -62.0953,
37.1480

■ 79.0861, -59.6765,
34.3171

■ 79.7863, -56.2853,
31.1983

■ 80.7321, -51.8616,
27.8315

■ 81.9384, -46.3893,
24.2613

■ 83.4143, -39.8892,
20.5349

■ 85.1635, -32.4114,
16.7004

■ 87.1855, -24.0286,
12.8047

■ 89.4763, -14.8282,
8.8911

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3111, -36.7675, 48.9001



78.3095, -63.7069, 39.6450



78.3111, -74.4107, 13.0391

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3111, -63.7078, 39.6454



78.3111, -13.7610, -135.0137



78.3111, 95.0355, 31.1773

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.3095, -63.7069, 39.6450



44.8120, 81.3723, -6.9486

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3111, 105.2338, -5.6641



78.3095, -63.7069, 39.6450



78.3111, 34.7916, -119.5273

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3111, -63.7078, 39.6454



78.3111, -50.2143, -99.0654



78.3111, 81.0843, -64.2490



78.3111, 55.7793, 46.3720

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3095, -63.7069, 39.6450



78.3111, -73.2088, -18.4603



78.3111, 81.0843, -64.2490



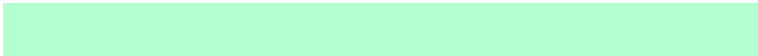
78.3111, 102.3030, 21.7234

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.3111, -63.7078, 39.6454



92.5159, -35.3258, 18.1992



81.6678, -50.7538, 49.4345



42.4138, -17.9900, 9.2406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3111, -63.7078, 39.6454



85.0882, -69.2707, 43.1826



80.7415, -48.8035, 4.4335



41.1800, -6.5787, 3.9900



57.8828, -46.9449, 28.9921



16.2763, -12.8048, 7.2980

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.8120, 81.3723, -6.9486



48.6801, 88.3732, -7.3578



42.5297, 73.0252, 25.9830



39.0001, 2.4884, 0.4159



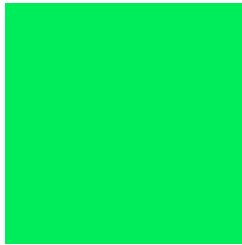
33.1502, 60.2685, -5.6931



9.3895, 17.2486, -2.9930

Previews

White Background



This preview shows how the HunterLab color 78.3095, -63.7069, 39.6450 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 78.3095, -63.7069, 39.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 78.3095, -63.7069, 39.6450 Background



This preview shows how black text looks on a background with the HunterLab color 78.3095, -63.7069, 39.6450.



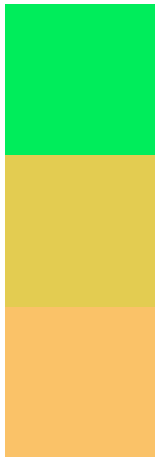
This preview shows how white text looks on a background with the HunterLab color 78.3095,

-63.7069, 39.6450.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.3095, -63.7069, 39.6450

Protanopia

77.5311, -9.6131, 41.6529

Deuteranopia

77.3996, 5.7250, 37.7611



Tritanopia

78.0812, -30.1821, -15.0135

Trichromacy



Original Color

78.3095, -63.7069, 39.6450



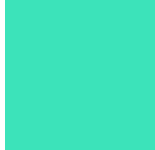
Protanomaly

74.6304, -40.4395, 38.4512



Deuteranomaly

73.7326, -33.1718, 35.3608



Tritanomaly

77.0999, -46.4956, 10.9711

Monochromacy



Original Color

78.3095, -63.7069, 39.6450



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

60.8598, -32.7713, 17.0325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.3095, -63.7069, 39.6450 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 237, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 91)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 237, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 78.3095, -63.7069, 39.6450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 237, 91) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 237, 91) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 237, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 237, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 78.3095, -63.7069, 39.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 91) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 237,  
91) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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